10/768,785

~~10/718,458~~

d his

(FILE 'HOME' ENTERED AT 11:40:21 ON 17 AUG 2004)

FILE 'CASREACT' ENTERED AT 11:40:37 ON 17 AUG 2004

L1 STRUCTURE UPLOADED

L2 0 S L1

FILE 'REGISTRY' ENTERED AT 11:41:22 ON 17 AUG 2004

L3 STRUCTURE UPLOADED

L4 1 S L3

L5 STRUCTURE UPLOADED

L6 0 S L5

L7 6 S L5 FULL

FILE 'CAPLUS' ENTERED AT 11:42:34 ON 17 AUG 2004

L8 14 S L7

L9 107343 S ?XYLENE

L10 24814 S ?PHTHALALDEHYDE OR ?CARBALDEHYDE OR ?DIALDEHYDE

L11 425 S L9 AND L10

L12 3 S L11 AND L8

L13 107 S L11 AND (BROMINE? OR BROMO? OR BROMINAT?)

L14 0 S BIS-DIBROMOMETHYLBENZENE

L15 291 S ?BROMOMETHYLBENZENE

L16 1 S L13 AND L15

L17 26 S L13 AND HYDROLYS?

L18 22 S L13 AND (WATER OR ICE)

L19 1 S L17 AND ?SULFURIC ACID

L20 0 S L18 AND ?SULFURIC ACID

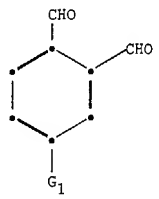
L21 113 S L11 AND (OXIDAT? OR OXIDIZ? OR OXIDIS?)

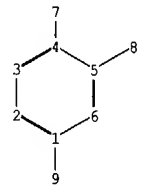
L22 1 S L21 AND L15

L23 0 S L21 AND (?SULFURIC ACID OR ?SULPHURIC ACID)

L24 15 S L21 AND HYDROLYS?

C:\Program Files\Stnexp\Queries\785-4.str






```
chain nodes :
    7  8  9
ring nodes :
    1  2  3  4  5  6
chain bonds :
    1-9  4-7  5-8
ring bonds :
    1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
    1-9
exact bonds :
    4-7  5-8
normalized bonds :
    1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
    containing 1 :


G1:X,CH3,t-Bu,MeO,EtO,n-PrO,n-BuO,i-BuO,NO2

Match level :
    1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS
```

10/718,758

~~10/718,758~~

d his

(FILE 'HOME' ENTERED AT 12:21:07 ON 17 AUG 2004)

FILE 'STNGUIDE' ENTERED AT 12:21:19 ON 17 AUG 2004

FILE 'HOME' ENTERED AT 12:21:33 ON 17 AUG 2004

FILE 'REGISTRY' ENTERED AT 12:21:43 ON 17 AUG 2004

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 65 S L1 FULL

FILE 'CAPLUS' ENTERED AT 12:23:28 ON 17 AUG 2004

L4 156 S L3

L5 89 S L4 AND (?PHTHALALDEHYDE OR ?DIALDEHYDE OR ?CARBALDEHYDE)

L6 15 S L5 AND (4-FLUORO? OR 4-CHLORO? OR 4-BROMO? OR 4-NITRO?)

E JP08245478/PN

L7 1 S E3

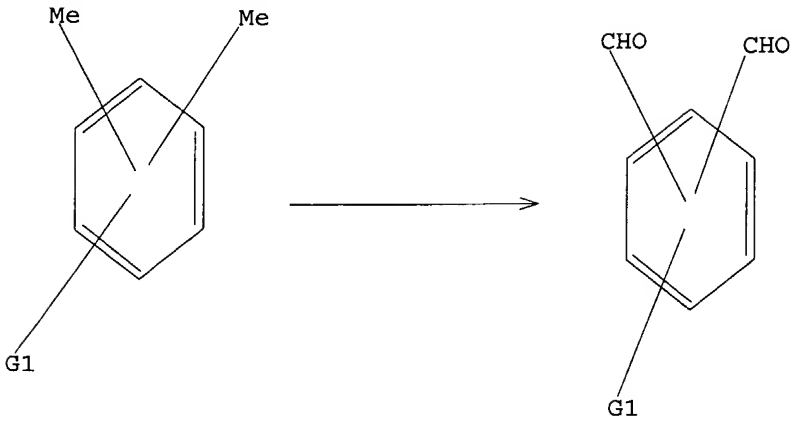
E JP08231461/PN

L8 1 S E3

10/768,785
~~10/718,758~~

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



G1 X,Me,MeO,EtO,n-PrO,n-BuO,NO2

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 11:41:05 FILE 'CASREACT'
SCREENING COMPLETE - 165390 REACTIONS TO VERIFY FROM 11472 DOCUMENTS

3.0% DONE 5000 VERIFIED 0 HIT RXNS 0 DOCS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.07

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED VERIFICATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	0.63

FILE 'REGISTRY' ENTERED AT 11:41:22 ON 17 AUG 2004

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 AUG 2004 HIGHEST RN 727651-15-2
DICTIONARY FILE UPDATES: 16 AUG 2004 HIGHEST RN 727651-15-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when

10/768,785
~~10/718,758~~

conducting SmartSELECT searches.

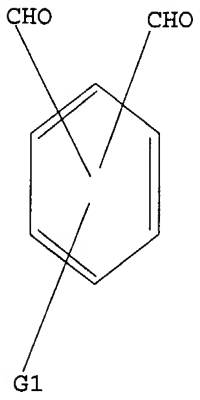
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\785.str

L3 STRUCTURE UPLOADED

=> d
L3 HAS NO ANSWERS
L3 STR



G1 X,Me,MeO,EtO,n-PrO,n-BuO,NO2

Structure attributes must be viewed using STN Express query preparation.

=> s l3
SAMPLE SEARCH INITIATED 11:41:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 526261 TO ITERATE

0.2% PROCESSED 1000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 9149

L4 1 SEA SSS SAM L3

=> d scan

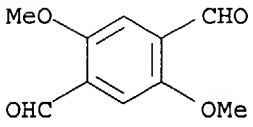
L4 1 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1,4-Benzenedicarboxaldehyde, 2,5-dimethoxy-, polymer with 1,4-benzenediamine (9CI)
MF (C10 H10 O4 . C6 H8 N2)x
CI PMS, COM

10/768,785

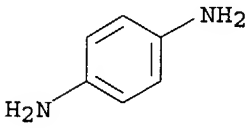
~~10/718,758~~

RELATED POLYMERS AVAILABLE WITH POLYLINK

CM 1



CM 2

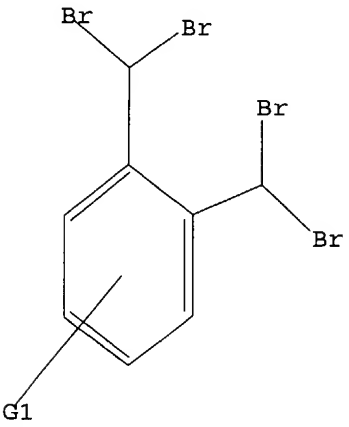


ALL ANSWERS HAVE BEEN SCANNED

=>
Uploading C:\Program Files\Stnexp\Queries\785-3.str

L5 STRUCTURE UPLOADED

=> d
L5 HAS NO ANSWERS
L5 STR



G1 Me,MeO,EtO,n-PrO,i-PrO,n-BuO,NO2

Structure attributes must be viewed using STN Express query preparation.

=> s l5
SAMPLE SEARCH INITIATED 11:42:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

10/768,785
~~10/718,758~~

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5 TO 234
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

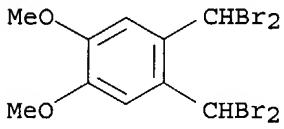
=> s l5 full
FULL SEARCH INITIATED 11:42:21 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 148 TO ITERATE

100.0% PROCESSED 148 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

L7 6 SEA SSS FUL L5

=> d scan

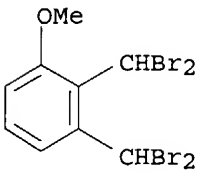
L7 6 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzene, 1,2-bis(dibromomethyl)-4,5-dimethoxy- (9CI)
MF C10 H10 Br4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L7 6 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzene, 1,2-bis(dibromomethyl)-3-methoxy- (9CI)
MF C9 H8 Br4 O

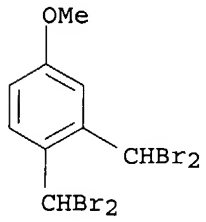


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 6 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzene, 1,2-bis(dibromomethyl)-4-methoxy- (9CI)
MF C9 H8 Br4 O

10/768,785

~~10/718,758~~



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 6 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzene, 4-butoxy-1,2-bis(dibromomethyl)- (9CI)
MF C12 H14 Br4 O